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DIALOG(R)File 351:Derwent WPI
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Organo polysiloxane-carbodiimide copolymers - cure to rubbery
self-extinguishing prods.

Patent Assignee: BAYER AG (FARB)

Number of Countries: 008 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 850606	A	19770722				197730 B
DE 2602413	A	19770728				197731
NL 7700650	A	19770726				197732
JP 52091100	A	19770801				197737
FR 2338965	A	19770923				197744
US 4076763	A	19780228				197811
GB 1530871	A	19781101				197844
IT 1083463	B	19850521				198616

Priority Applications (No Type Date): DE 2602413 A 19760123

Abstract (Basic): BE 850606 A

Organopolysiloxane -carbodiimide copolymers are of formula (I)
(where R is 1-12C alkyl, alkenyl or monovalent aryl; R1 is 1-4C alkyl;
R2 is divalent 1-6C hydrocarbon; X is -O- or = NR3; R3 is H or 1-8C
alkyl, aryl or cycloalkyl; A is opt. substd. divalent 1-40C aromatic;
n=0-10,000 and z=1-1500).

The prods. may be compounded with fillers such as silica, carbon
black, Fe2O3, etc., and cured at elevated temps., with e.g. organic
peroxides, to give self extinguishing elastomeric prods.

Title Terms: ORGANO; POLYSILOXANE; CARBODIIMIDE; COPOLYMER; CURE; RUBBER;
SELF; EXTINGUISH; PRODUCT

Derwent Class: A26; X12

International Patent Class (Additional): C08C-000/00; C08G-077/42;
C08L-083/00; H01B-003/30

File Segment: CPI; EPI

Manual Codes (CPI/A-N): A05-J01; A06-A00A; A08-R01; A09-A01; A11-C02

Polymer Fragment Codes (PF):

001 010 02& 032 035 038 04& 05& 05- 07- 09& 15- 151 153 209 228 229 231
24& 262 266 267 293 307 308 31- 310 333 334 341 344 346 355 359 38-
473 475 539 551 560 561 566 604 608 689 720 721